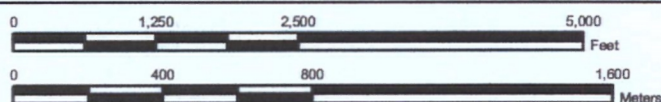


Figure 2-3a. LWG Ecological Risk Assessment Round 1 - General habitat characteristics

DRAFT



Windward
environmental .llc

Prepared by RAC 05/02/02 - Map 39

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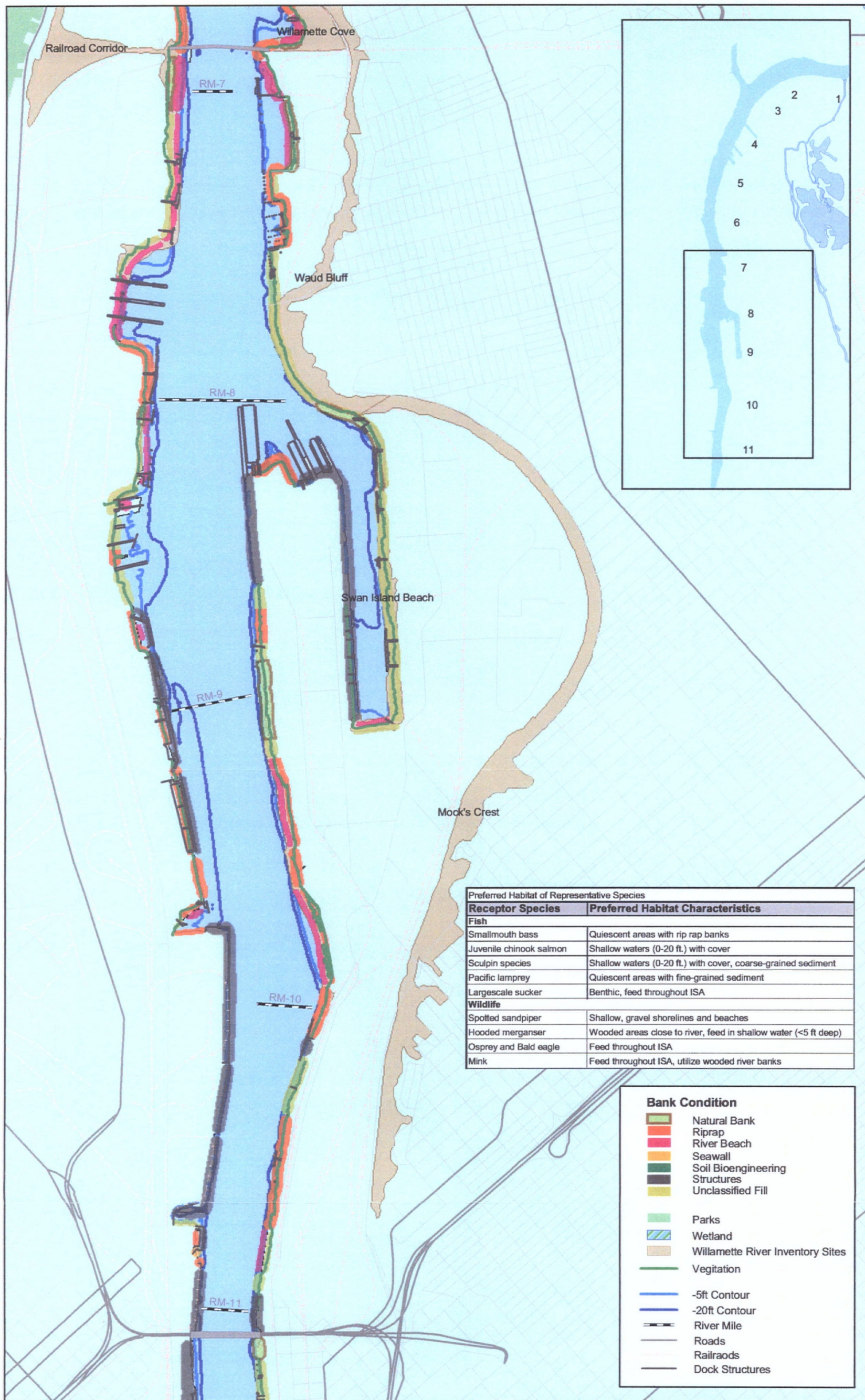
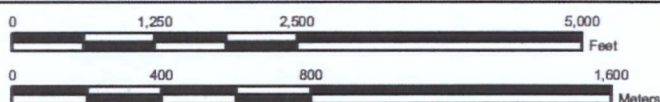


Figure 2-3b. LWG Ecological Risk Assessment Round 1 - General habitat characteristics

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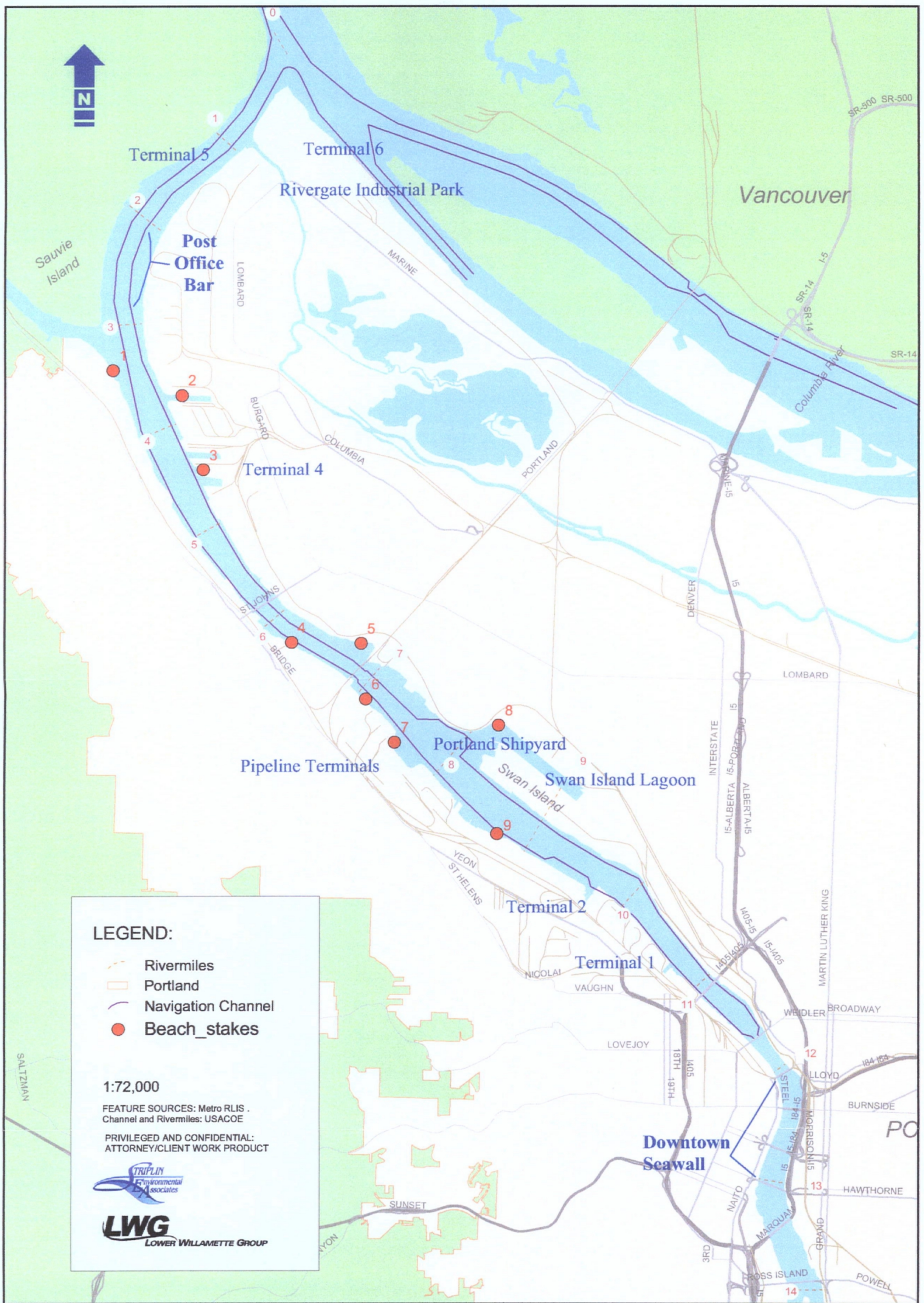
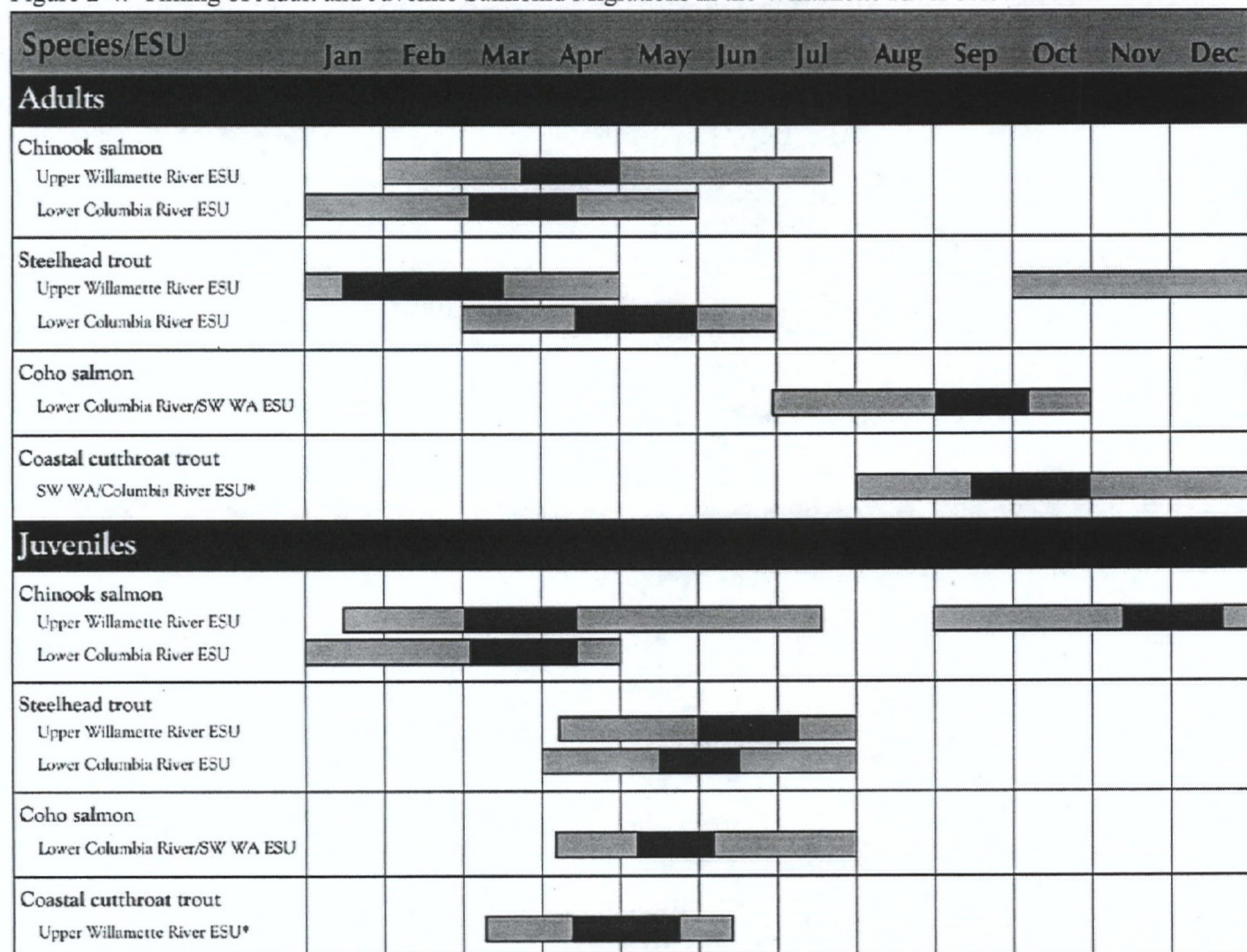


Figure 3. Beach Stake Location Map

Figure 2-4. Timing of Adult and Juvenile Salmonid Migrations in the Willamette River below Willamette Falls



Dark sections of bars represent periods of peak migration

* Best estimate based on limited information for Willamette and Columbia basins

Source: Fishman Environmental Services 2000

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Figure 2-5. Relative size of fish species home ranges

SPECIES	HOME RANGE IN MILES																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Piscivores																				
Smallmouth bass ^a																				
Black crappie ^b																				
N. pikeminnow																				
Omnivores																				
Yellow bullhead ^c	species likely moves in and out of ISA																			
White sturgeon	home range up to or greater than 100 mi ^d																			
Largescale sucker ^e																				
Common carp ^f	species likely moves in and out of ISA																			
Carnivores																				
Sculpin	< 1 mi																			
Peamouth ^g	species likely moves in and out of ISA																			
Detritivore																				
Pacific lamprey	< 1 mi																			

^a North et al. (2002)

^b Ward et al. (1991)

^c Makes local spawning and forage migrations (Scott and Crossman 1973)

^d Anders and Beckman 1992

^e LaVigne 2002

^f Makes spawning migrations; may be long distance (Panek 1987)

^g No information regarding home range of peamouth has been identified in the literature review

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